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**Program of Pattern Evaluation of Pressure Controller
(English Translation)**

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Introduction

JJF 1002-2010 "national verification procedures write rules", JJF 1001 "common measurement terms and definitions" and JJF 1059 "Evaluation and Expression of Uncertainty in Measurement" together constitute the basic outline of this series specifications developed.

This outline accordance JJG544-2011 "pressure controller" and JB/T 6802-2008 "pressure controller" of Content requires compiled, performance pressure controller can make an objective, comprehensive and effective evaluation.

The outline of the structure in accordance with JJF 1016-2009 "appliance type evaluation outline guidelines for the preparation of measurement" orchestrated each chapter in accordance with JJF 1015-2002 "Measuring Instruments type evaluation and type approval of universal norms" and JJF 1002-2010 provisions "national verification procedures write rules" were prepared.

Pressure controller type evaluation outline

1 Scope

This outline is applied to the pressure-sensitive element is a diaphragm pressure diaphragm, bellows, spring tube and piston vacuum and pressure Passive vacuum controller (hereinafter referred to as controller) pattern evaluation.

2. References

This outline cited the following documents.

JJG544-2011 pressure controller JB/T 6802-2008 Pressure Controller Basic environmental conditions and test methods JB/T 9329-1999 Instrument storage transport transportation for dated references, only the dated edition applies to this outline; undated reference documents Member, the latest edition (including any amendments) applies to this outline.

3 Overview

The controller is a closed circuit as the pressure changes resulting from or disconnect switch for ships, refrigeration equipment or He industrial equipment, and supporting the actuator pressure of gases, vapors or liquids were two control.

The controller is an industrial process measurement and control system for controlling the pressure of a special instrument. Works when the input to control or alarm when the pressure reaches the set value.

The controller according to the type of pressure-sensing elements can be divided into diaphragm, bellows,, spring and piston tube Etc; whether by switching difference adjustable switching difference can be divided into adjustable and non-adjustable switching difference; according to the set point is adjustable separable Adjustable set point and the set point is not adjustable.

4 legal management requirements 4.1 units of measurement Pressure controller unit of measurement is Pa (Pascal), or its decimal multiples units. kPa, MPa and the like.

4.2 Accuracy

Controller level of accuracy can be 0.5, 1.0, 1.5, 2.0, 2.5, 4.0 selected Take, and in accordance with the provisions of JJG544-2011.

4.3 legal metrology marking and measuring instruments logo Must be marked with signs and legal metrology measuring instruments and other parts clearly identified in the controller nameplate or panel, its logo and labeling must be clear, solid and reliable.

4.3.1 legal metrology mark content.

--- Measurement equipment manufacturing license logo and number (test prototype should stay out of the corresponding position);

--- Product certification (the controller separately from the body).